

METHODS AND SYSTEMS FOR FRAMEWORK LAYOUT EDITING OPERATIONS

Abstract of the Disclosure

Methods, systems, and computer-readable media for enhanced layout editing of one or more
5 child objects within a container displayed by a computer system are disclosed. Editing first involves
detecting a layout edit operation for a child object displayed on a video display of a computer
system. A request is then sent via an application program interface provided by an abstraction layer
to initiate editing of the object layout by the abstraction layer. The abstraction layer receives the edit
operation request and determines the layout limitations and type of parent object or container in
10 which the child object is displayed based on properties related to the child object to be edited. The
abstraction layer reads a set of properties related to the object and the container in which the object is
displayed. The abstraction layer then edits the layout of the child object based the properties of child
and the parent container by modifying one or more of the properties of the child object or the parent
container in accordance with constraints either associated with the child object or its parent
15 container, or both, and includes accommodation for modifications in accordance with one or more
functional relationships defined between the parent and child.